| Issue Classification |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                      |  |  |  |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 10/690,578      | MOON, HONG-MAN |  |
| Examiner        | Art Unit       |  |
|                 |                |  |

|                                     |                             |          |       |       |       |          |                                     | Toan Ton 2871 |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
|-------------------------------------|-----------------------------|----------|-------|-------|-------|----------|-------------------------------------|---------------|----------------------------------|-----------------------------------|-------|----------|-----|------------------------|----------|--------|---------------------------|----------|----------|-------|----------|--|--|
|                                     |                             |          |       |       |       |          |                                     | 18            | รรบ                              | E C                               | LAS   | SIF      | CA: | [IOI                   |          |        |                           |          |          |       |          |  |  |
|                                     |                             |          | ORIG  | SINAL |       |          |                                     |               |                                  |                                   |       |          |     |                        | REFER    | ENCE(S | 5)                        |          |          |       |          |  |  |
| CLASS SUBCLASS CLASS                |                             |          |       |       |       |          |                                     |               |                                  | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
| 349 46 349                          |                             |          |       |       |       | 349      | 1                                   | 39            |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
| 11                                  | NTEF                        | RNATI    | ONAL  | CLAS  | SIFIC | CATION   |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
| g                                   | o                           | 2        | f     |       | 1/1   | 36       |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
| g                                   | 0                           | 2        | f     |       | 1/13  | 343      |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
|                                     |                             |          |       |       | ,     |          |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
|                                     |                             |          |       |       | 7     |          |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
|                                     |                             |          |       |       | 1     |          |                                     |               |                                  |                                   |       |          |     |                        |          |        |                           |          |          |       |          |  |  |
|                                     | (Assistant Examiner) (Date) |          |       |       |       |          |                                     |               |                                  | TOANTON<br>PRIMARY EXAMINER       |       |          |     |                        |          |        | Total Claims Allowed: 7   |          |          |       |          |  |  |
| (Legal Instruments Examiner) (Date) |                             |          |       |       |       |          | (Primary Examiner) (Date) OA/1\//24 |               |                                  |                                   |       |          |     | O.G.<br>Print Claim(s) |          |        | O.G.<br>Print Fig.<br>8-9 |          |          |       |          |  |  |
|                                     | c                           | laim     | s rei | numt  | ere   | d in th  | e sam                               | e orde        | er as presented by applicant CPA |                                   |       |          |     |                        |          | □ T.D. |                           |          | ☐ R.1.47 |       |          |  |  |
| 10 4                                | r<br>E<br>B                 | Original |       |       | Final | Original |                                     | Final         | Original                         |                                   | Final | Original |     | Final                  | Original |        | Final                     | Original |          | Final | Original |  |  |
|                                     |                             | 1        |       |       |       | 31       |                                     |               | 61                               |                                   |       | 91       |     |                        | 121      |        |                           | 151      |          |       | 181      |  |  |
| _                                   |                             | _2       | 4     |       |       | 32       |                                     |               | 62                               |                                   |       | 92       |     |                        | 122      |        |                           | 152      |          |       | 182      |  |  |
| L                                   |                             | 3        |       |       |       | 33       |                                     |               | 63                               |                                   | L     | 93       |     |                        | 123      | 1      |                           | 153      | 1        |       | 183      |  |  |

| <u> </u> |          |   |       |          |   |       | r                    |   | ,     | ~P P     | <br><u> </u> | . / \    | <br>  |          | 1 | <u> </u> | . 1. 77  |
|----------|----------|---|-------|----------|---|-------|----------------------|---|-------|----------|--------------|----------|-------|----------|---|----------|----------|
| Final    | Original |   | Final | Original |   | Final | Original             |   | Final | Original | Final        | Original | Final | Original |   | Final    | Original |
|          | 1        | 1 |       | 31       | 1 |       | 61                   | 1 |       | 91       |              | 121      |       | 151      |   |          | 181      |
|          | 3        | 1 |       | 32       | 1 |       | 62                   | 1 |       | 92       |              | 122      |       | 152      |   |          | 182      |
|          | 3        | 1 |       | 33       | 1 |       | 63                   |   |       | 93       |              | 123      |       | 153      |   |          | 183      |
|          | 4        |   |       | 34       |   |       | 64                   |   |       | 94       |              | 124      |       | 154      |   |          | 184      |
|          | 5        |   |       | 35       |   |       | 65                   |   |       | 95       |              | 125      |       | 155      |   |          | 185      |
|          | 6<br>7   |   |       | 36       |   |       | 66                   |   |       | 96       |              | 126      |       | 156      |   |          | 186      |
|          | 7        |   |       | 37       |   |       | 67                   | ] |       | 97       |              | 127      |       | 157      |   |          | 187      |
|          | 8        |   |       | 38       |   |       | 68                   | Ì |       | 98       |              | 128      |       | 158      |   |          | 188      |
|          | 9        |   |       | 39       |   |       | 69<br>70             |   |       | 99       |              | 129      |       | 159      |   |          | 189      |
|          | 10       |   |       | 40       |   |       | 70                   |   |       | 100      |              | 130      |       | 160      |   |          | 190      |
|          | 11       |   |       | 41       |   |       | 71                   |   |       | 101      |              | 131      |       | 161      |   |          | 191      |
|          | 12       |   |       | 42       |   |       | 72<br>73             |   |       | 102      |              | 132      |       | 162      |   |          | 192      |
|          | 13       |   |       | 43       |   |       | 73                   |   |       | 103      |              | 133      |       | 163      |   |          | 193      |
|          | 14       |   |       | 44       |   |       | 74                   |   |       | 104      |              | 134      |       | 164      |   |          | 194      |
|          | 15       |   |       | 45       |   |       | 75                   |   |       | 105      |              | 135      |       | 165      |   |          | 195      |
|          | 16<br>17 |   |       | 46       |   |       | 74<br>75<br>76<br>77 |   |       | 106      |              | 136      |       | 166      |   |          | 196      |
|          | 17       |   |       | 47       |   |       | 77                   |   |       | 107      |              | 137      |       | 167      |   |          | 197      |
|          | 18       |   |       | 48       |   |       | 78                   |   |       | 108      |              | 138      |       | 168      |   |          | 198      |
|          | 19       |   |       | 49       |   |       | 79<br>80             | ] |       | 109      |              | 139      |       | 169      |   |          | 199      |
|          | 20       |   |       | 50       |   |       | 80                   |   |       | 110      |              | 140      |       | 170      |   |          | 200      |
|          | 21       |   |       | 51       |   |       | 81                   |   |       | 111      |              | 141      |       | 171      |   |          | 201      |
|          | 22       |   |       | 52       |   |       | 82                   | ] |       | 112      |              | 142      |       | 172      |   |          | 202      |
|          | 23       |   |       | 53       |   |       | 83                   |   |       | 113      |              | 143      |       | 173      |   |          | 203      |
| 1        | 24       |   |       | 54       |   |       | 84                   |   |       | 114      |              | 144      |       | 174      |   |          | 204      |
| 2        | 25       |   |       | 55       |   |       | 84<br>85             |   |       | 115      |              | 145      |       | 175      |   |          | 205      |
| 3        | 26       |   |       | 56       |   |       | 86                   |   |       | 116      |              | 146      |       | 176      | , |          | 206      |
| 4        | 27       |   |       | 57       |   |       | 87                   |   |       | 117      |              | 147      |       | 177      |   |          | 207      |
| 5        | 28       |   |       | 58       |   |       | 88                   |   |       | 118      |              | 148      |       | 178      |   |          | 208      |
| 6        | 29       |   |       | 59       |   |       | 89                   | ] |       | 119      |              | 149      |       | 179      |   |          | 209      |
| 7        | 30       |   |       | 60       |   |       | 90                   | ] |       | 120      |              | 150      |       | 180      |   |          | 210      |